

CT3015WA Wide Angle Colour Camera

Technical Specification

Model	CT3015WA
Housing	Titanium (Standard)*
Window	Optical grade cast acrylic
Depth Rating	6000 m
Dimensions	178 mm (L) x 57 mm (D head) / 34 mm (D body)
Weight	243 g (water) / 410 g (air)
Connector	MCBH5M (standard)
Voltage	12–24 VDC
Angle of View	170° (in water)
Lens	Fisheye
Sensor	1/3 inch Ex-View HAD CCD
Minimum Illumination	0.001 lux / f1.2
Operating Temperature	-10°C to +40°C
Operating Life	50,000 hours
Operating Current	150 mA
Signal to Noise Ratio	>52 dB
Video Output	1.0 Vp-p composite
Resolution	1000 TV lines

*Alternative housing materials available on request



Order Code: CT3015WA-TI

Wide angle high-resolution subsea colour camera for inspection and observation

The CT3015WA is a compact subsea colour camera designed to deliver high-quality imaging with an ultra-wide field of view.

Featuring a 170° wide angle lens, the system is well suited for applications requiring maximum scene coverage, including close inspection and general observation tasks. The rectilinear lens design minimises distortion while maintaining image clarity.

Its robust titanium housing and compact form factor make it suitable for diver helmet mounting, handheld use, or integration onto ROV systems. The combination of low light sensitivity, high resolution, and wide field of view provides a versatile solution across a range of subsea environments.

A monochrome version is also available for applications requiring enhanced low-light performance.

Applications: ROV, Survey, Marine scientific, Commercial diving

Rev 1.0 | April 2026 | DS-040